

Abstract

To provide the following instruments 1 and 2 as a low-molecular-weight substance detection instrument employing immunochromatography capable of detecting conveniently and sensitively detecting a low-molecular weight substance such as an environmental pollutant (e.g., a dioxin), as a target substance contained in a test sample:

1. an instrument, which comprises 1) a test sample application section with which a test sample is brought into contact; 2) a label product reaction section containing a label product containing, as a portion thereof, an antibody capable of binding to a target substance contained in the test sample, the label product being not bound to the reaction section; 3) an unbound label product capturing section containing an element capable of capturing the label product which is not bound to the target substance, the element being bound to the capturing section; and 4) a detection section containing a detection element which, when coming into contact with the target substance bound to the label product, causes a visually observable change, and

2. an instrument wherein a test sample is reacted with a labeled antibody containing, as a portion thereof, an antibody capable of binding to a target substance contained in the test sample, and the resultant reaction product is employed for detecting the target substance contained in the test sample.